

AUTOMATIC SOFTWARE PRODUCTION SYSTEM
INVENTOR: IBORRA AND PASTOR
SERIAL NO. 09/872,413
FILING DATE: 06/01/01
DOCKET NO. CHG-001.1P

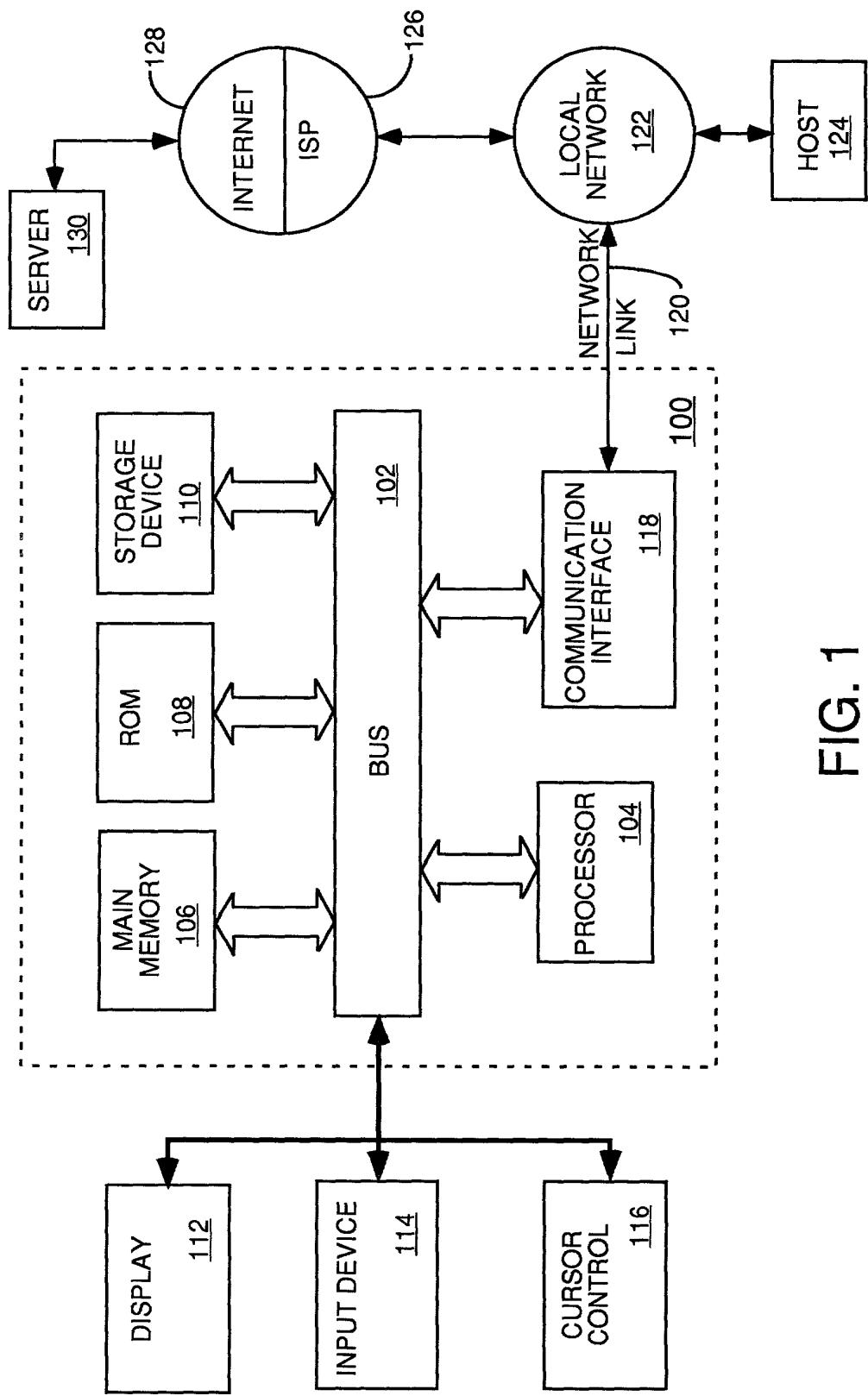


FIG. 1

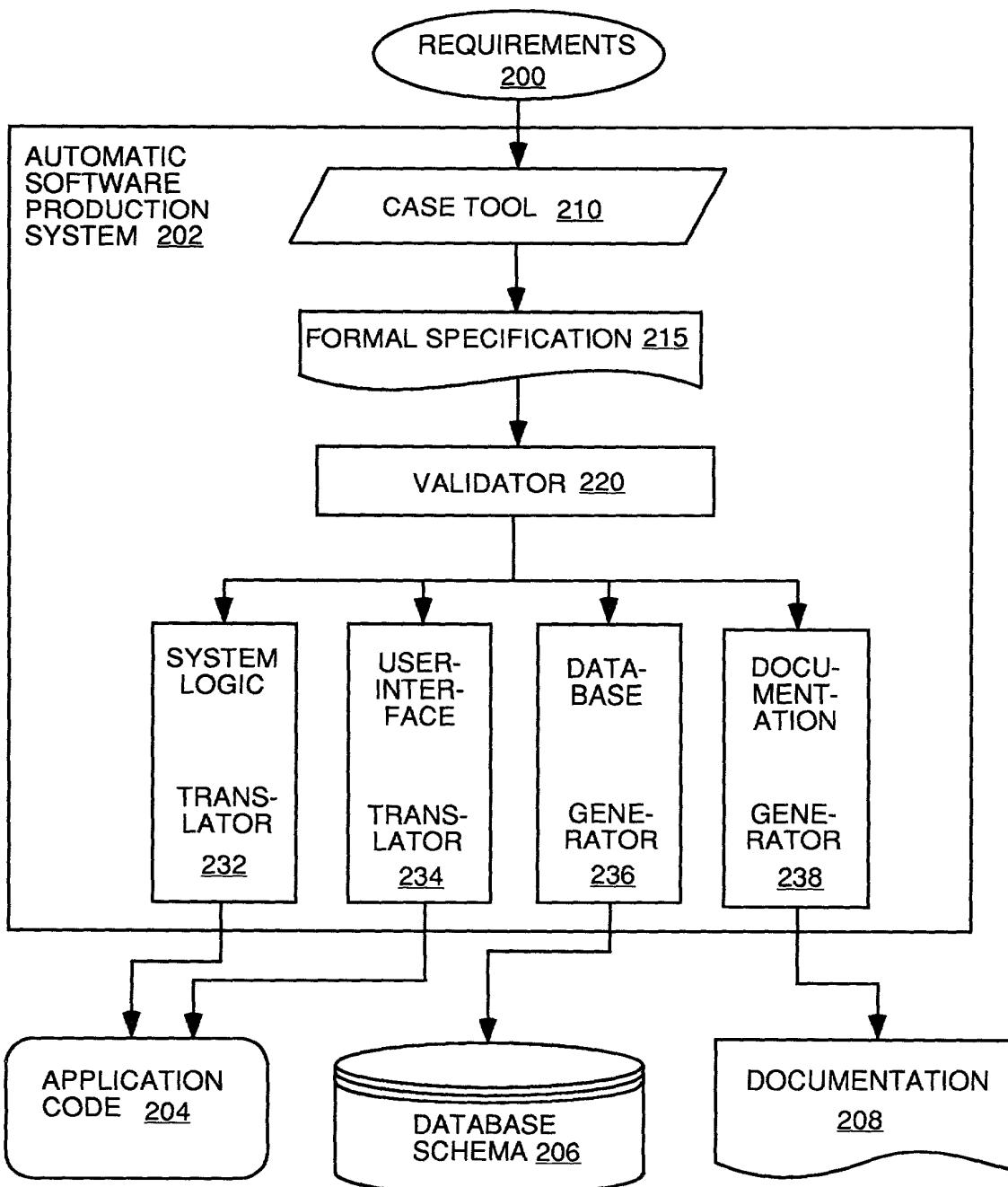


FIG. 2

FIG.
 3

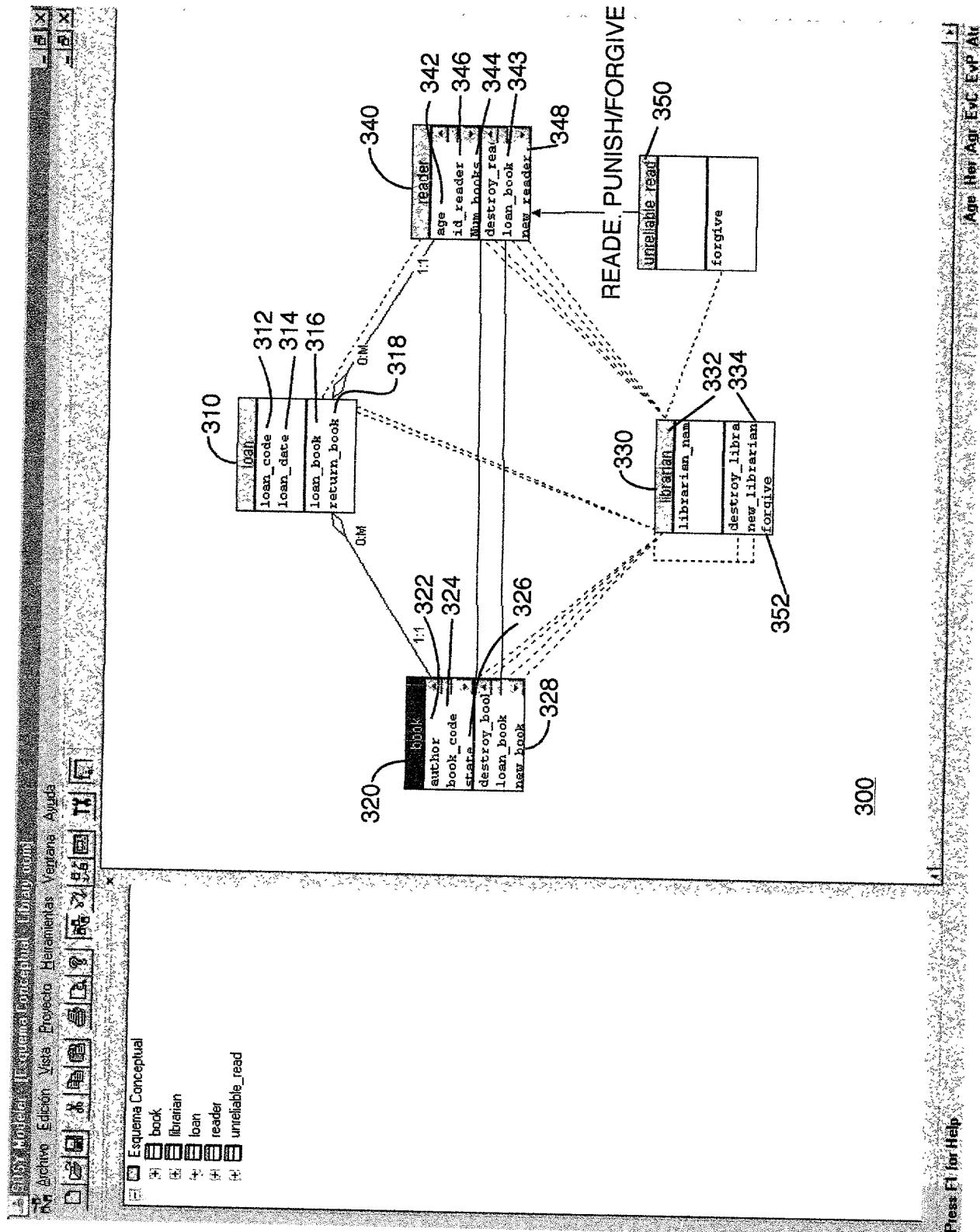
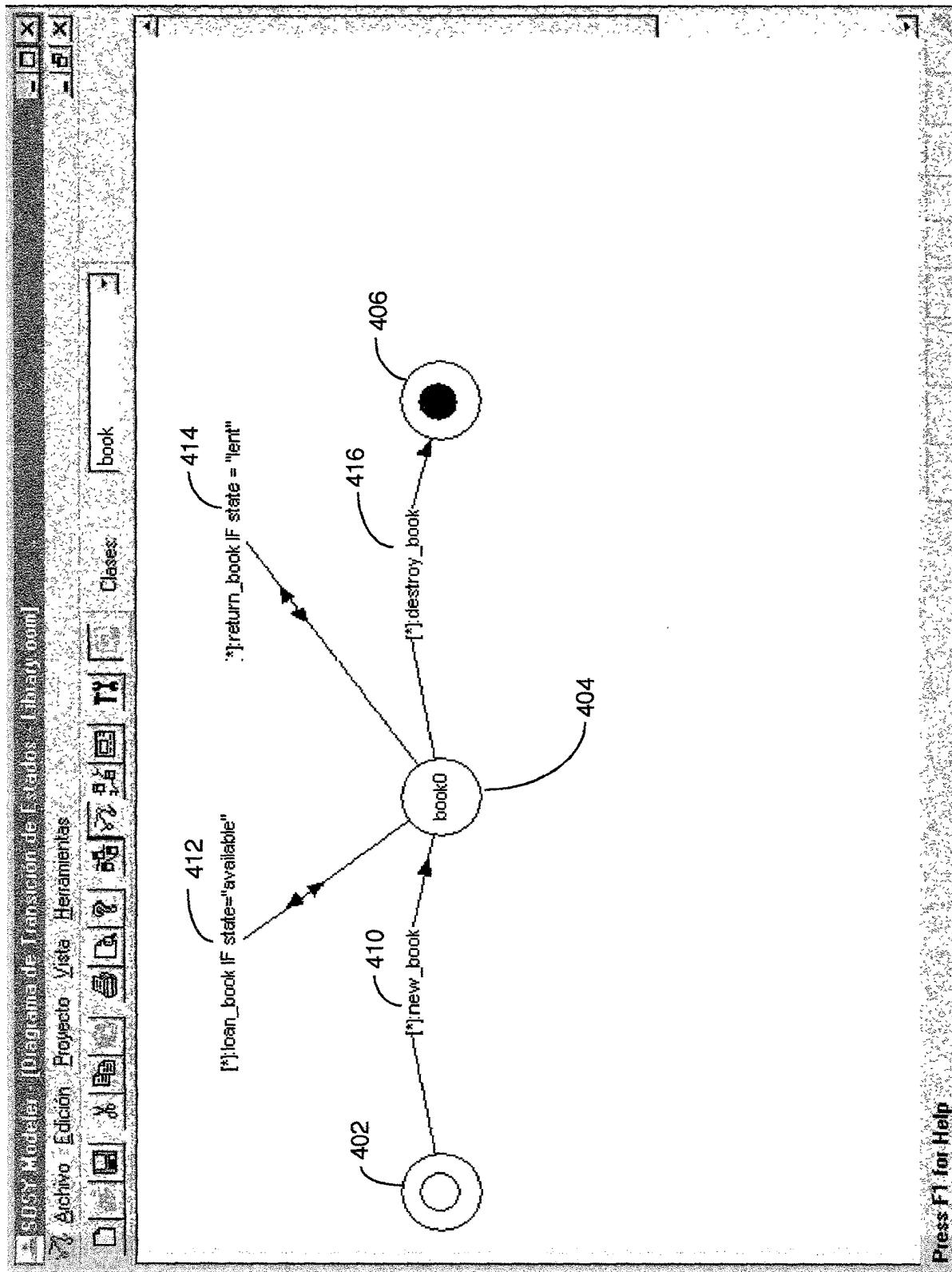


FIG.
4A



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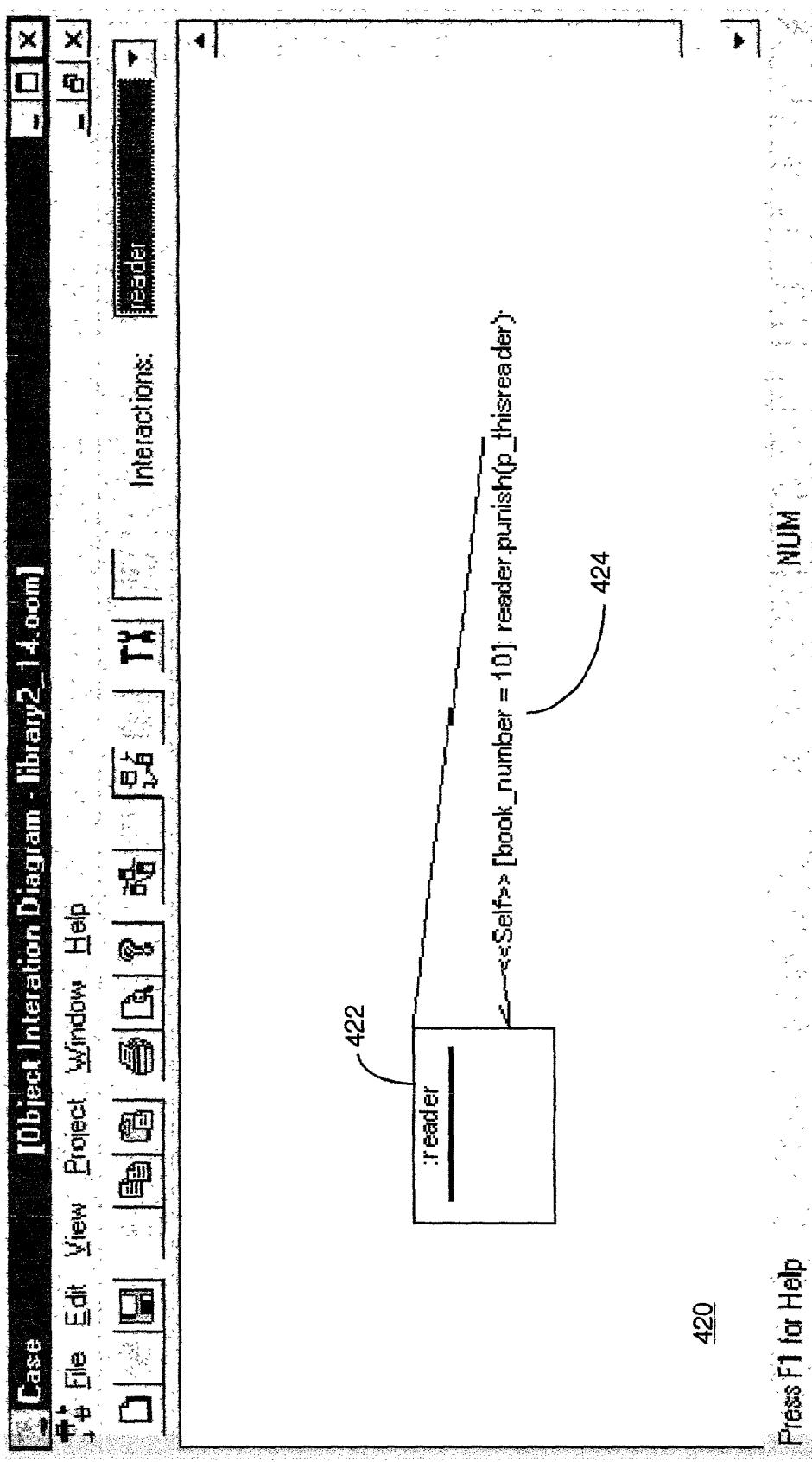


FIG. 4B

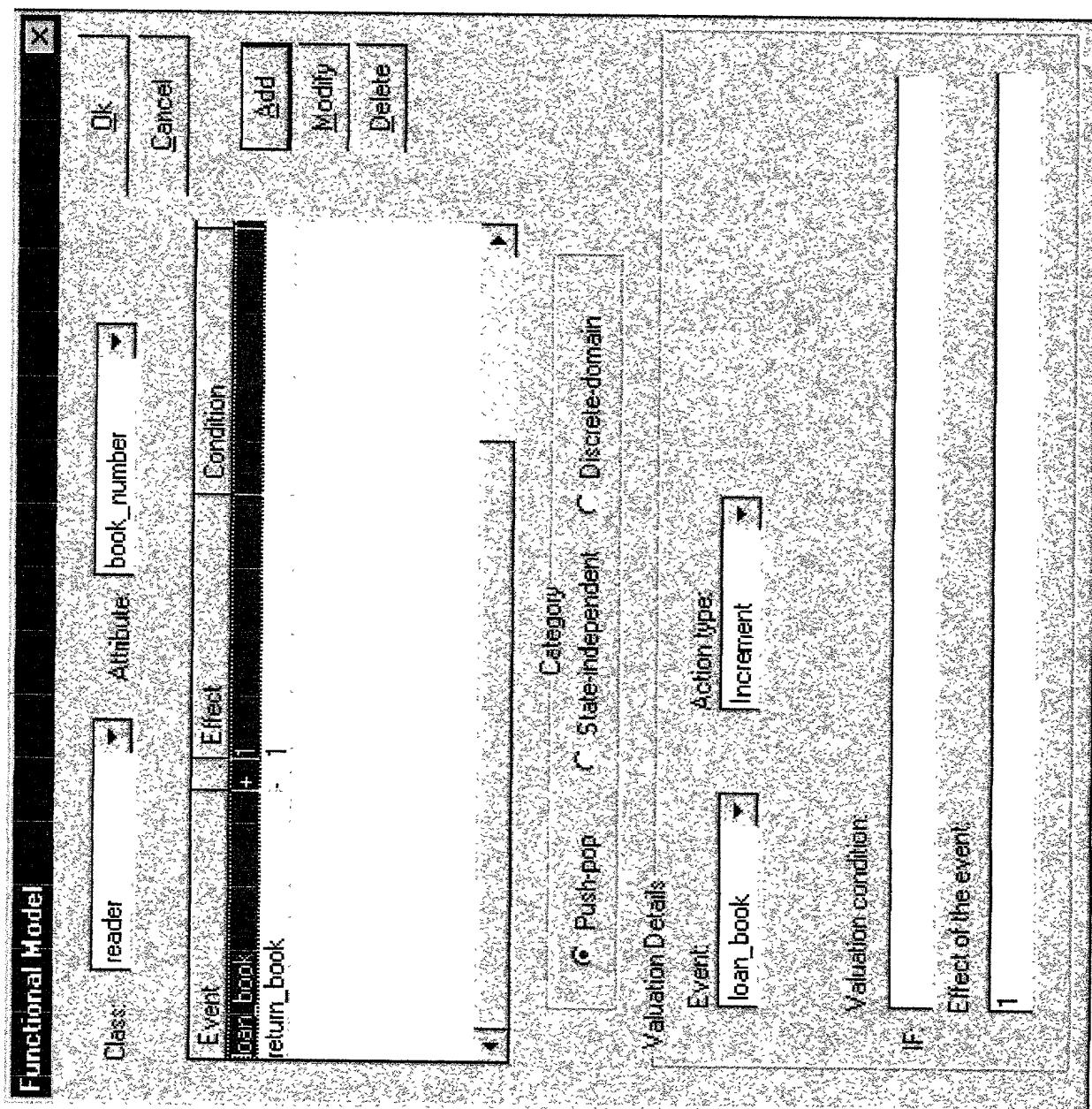


FIG. 5

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES OF SYSTEM LOGIC
TRANSLATORS WILL PERFORM

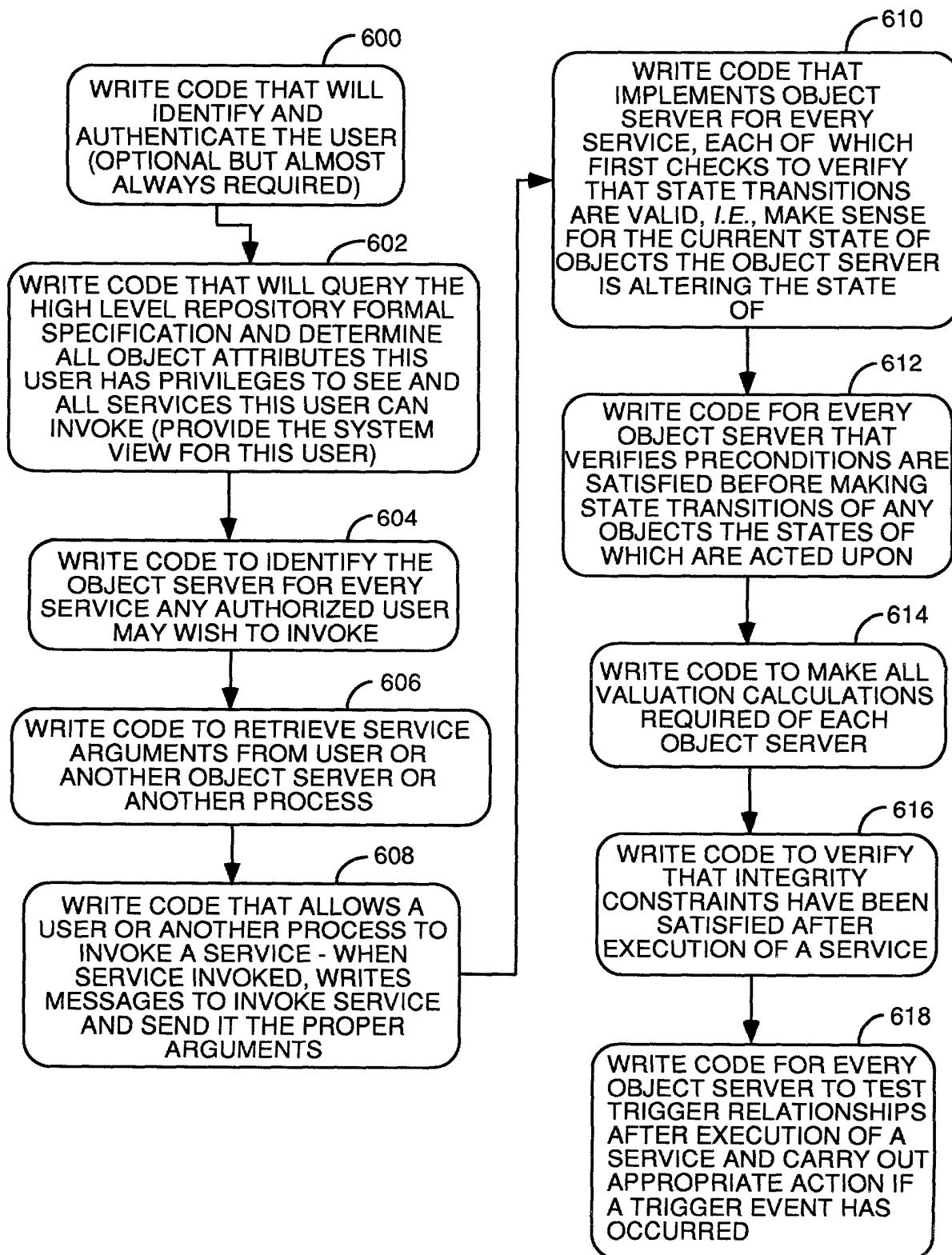


FIG. 6

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE USER INTERFACE
 TRANSLATOR SUBGENUS WILL PREFORM

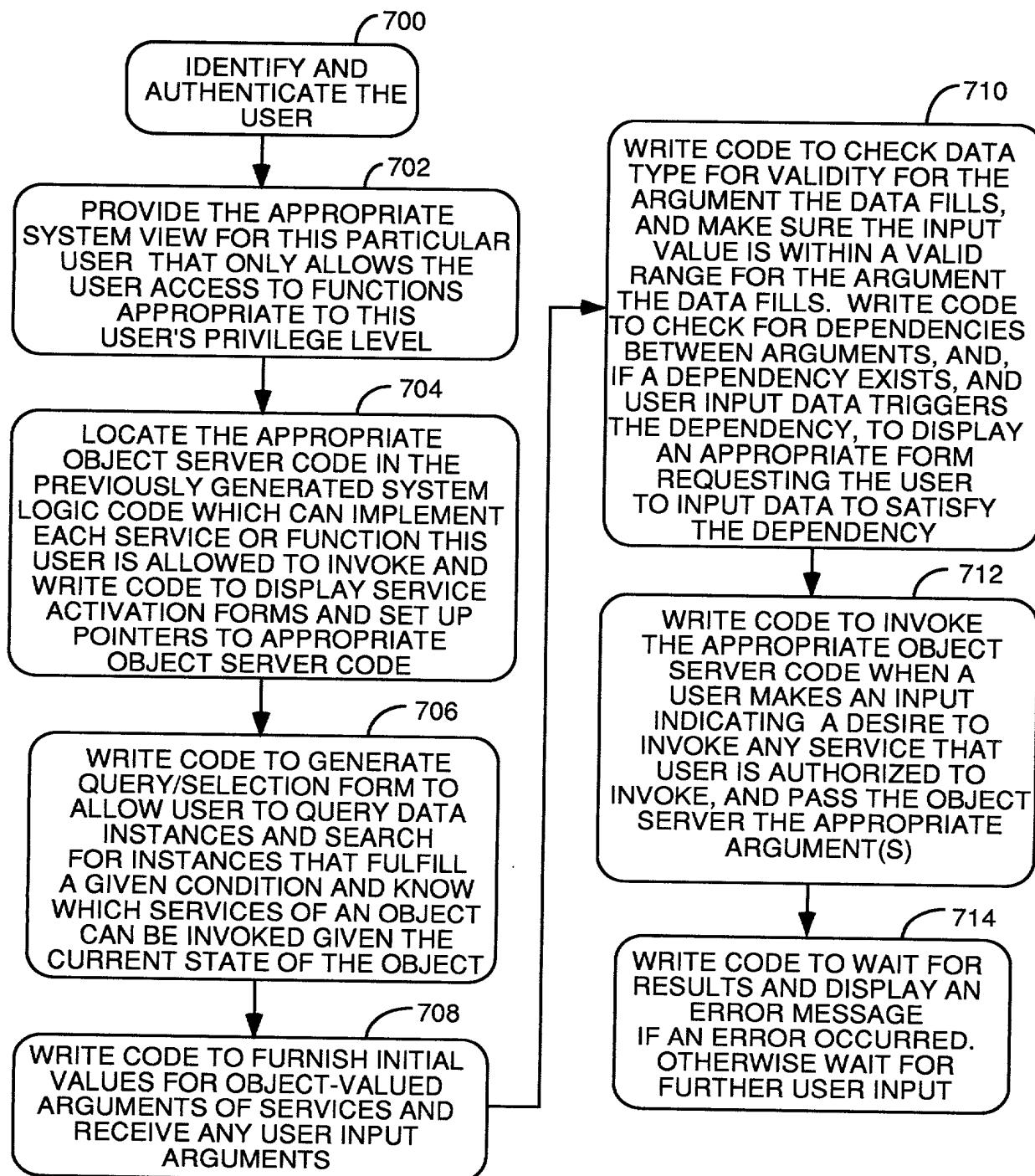


FIG. 7

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DATABASE
GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

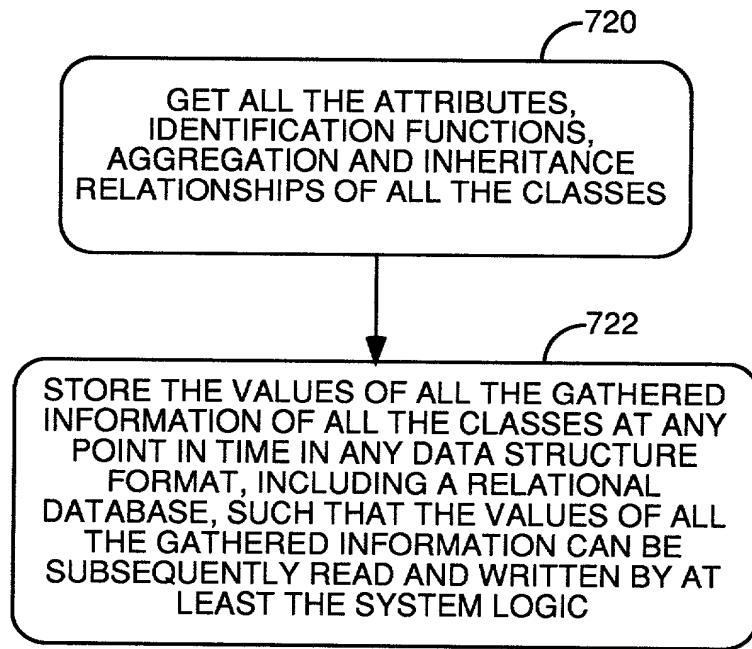
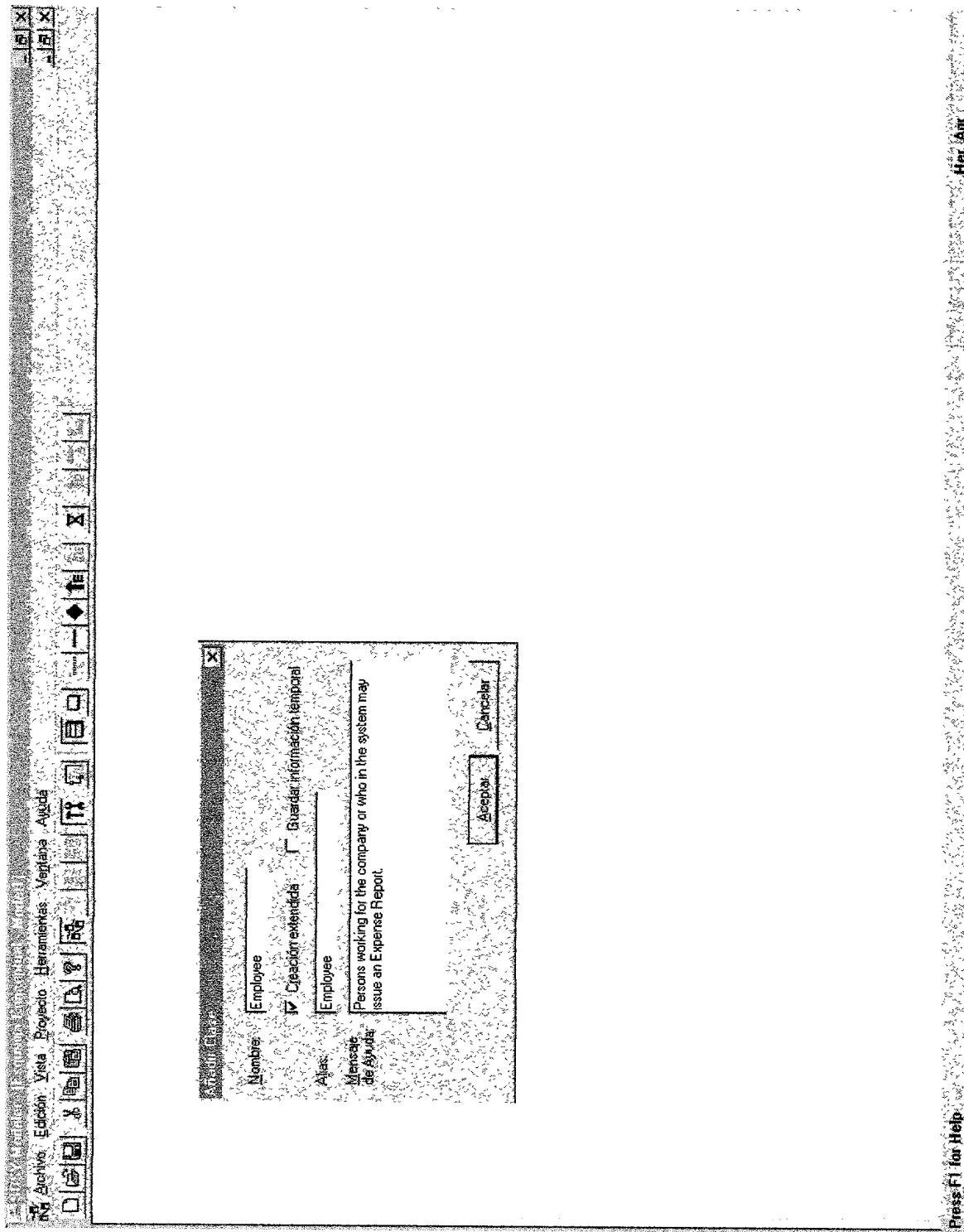


FIG. 8

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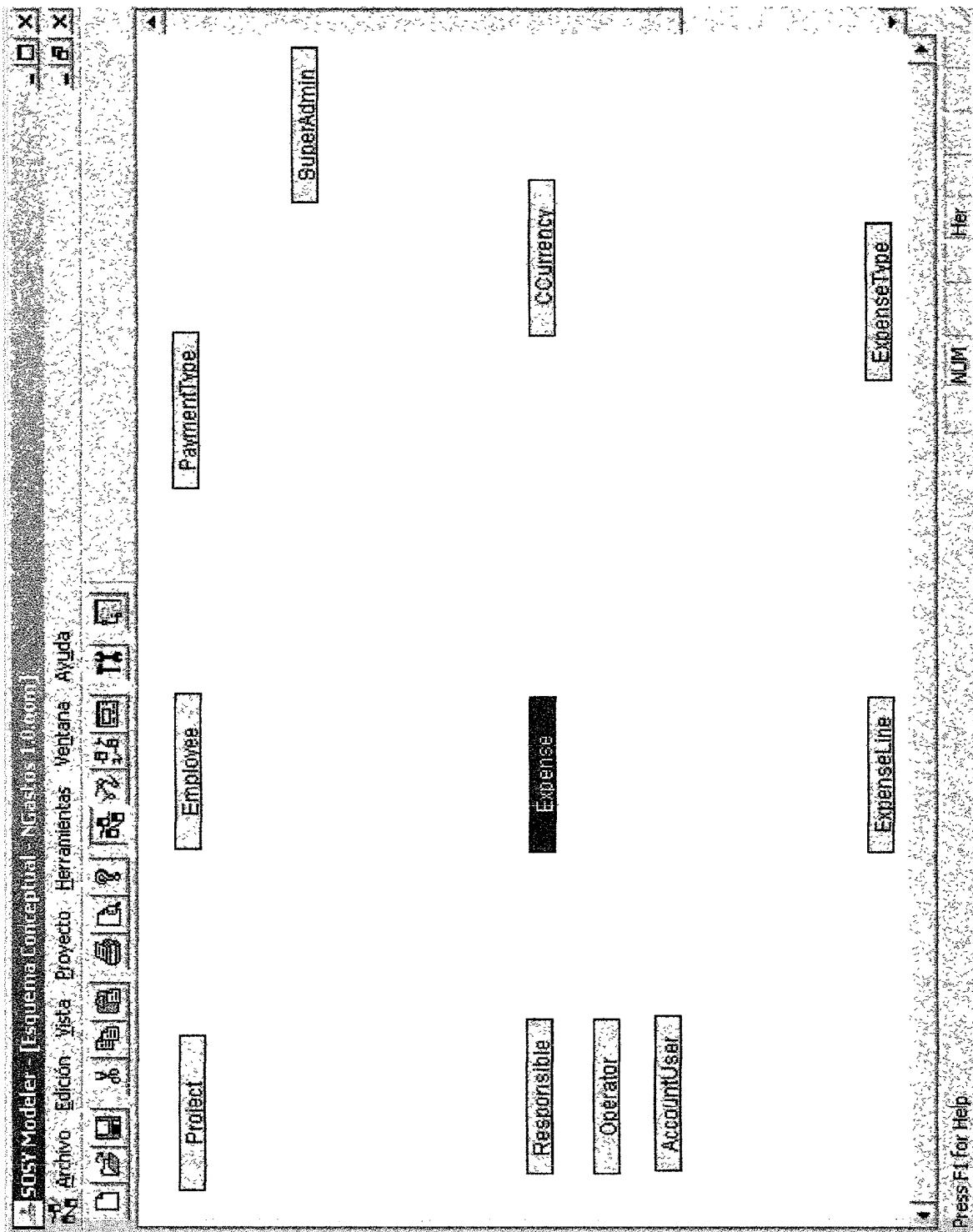
CLASS CREATION
DIALOG

FIG. 9A

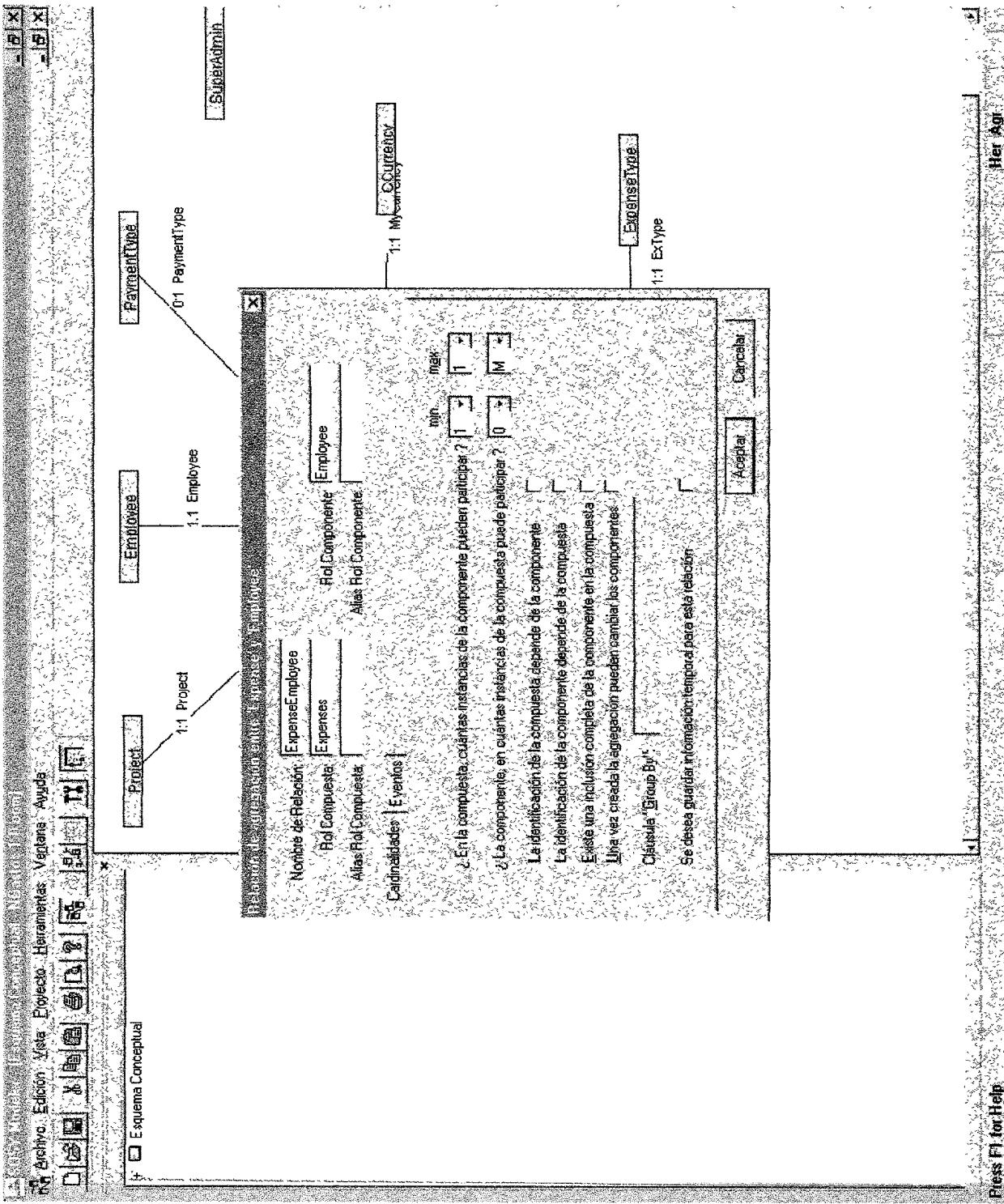


ALL CLASSES
NEEDED AND
CREATED IN
EXPENSE
MANAGEMENT
SYSTEM

FIG. 9B



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GRAPHIC DIALOG
 TO CREATE
 RELATIONSHIPS
 BETWEEN
 CLASSES AND
 GRAPHICALLY
 SHOW THE
 RELATIONSHIPS
 SO CREATED

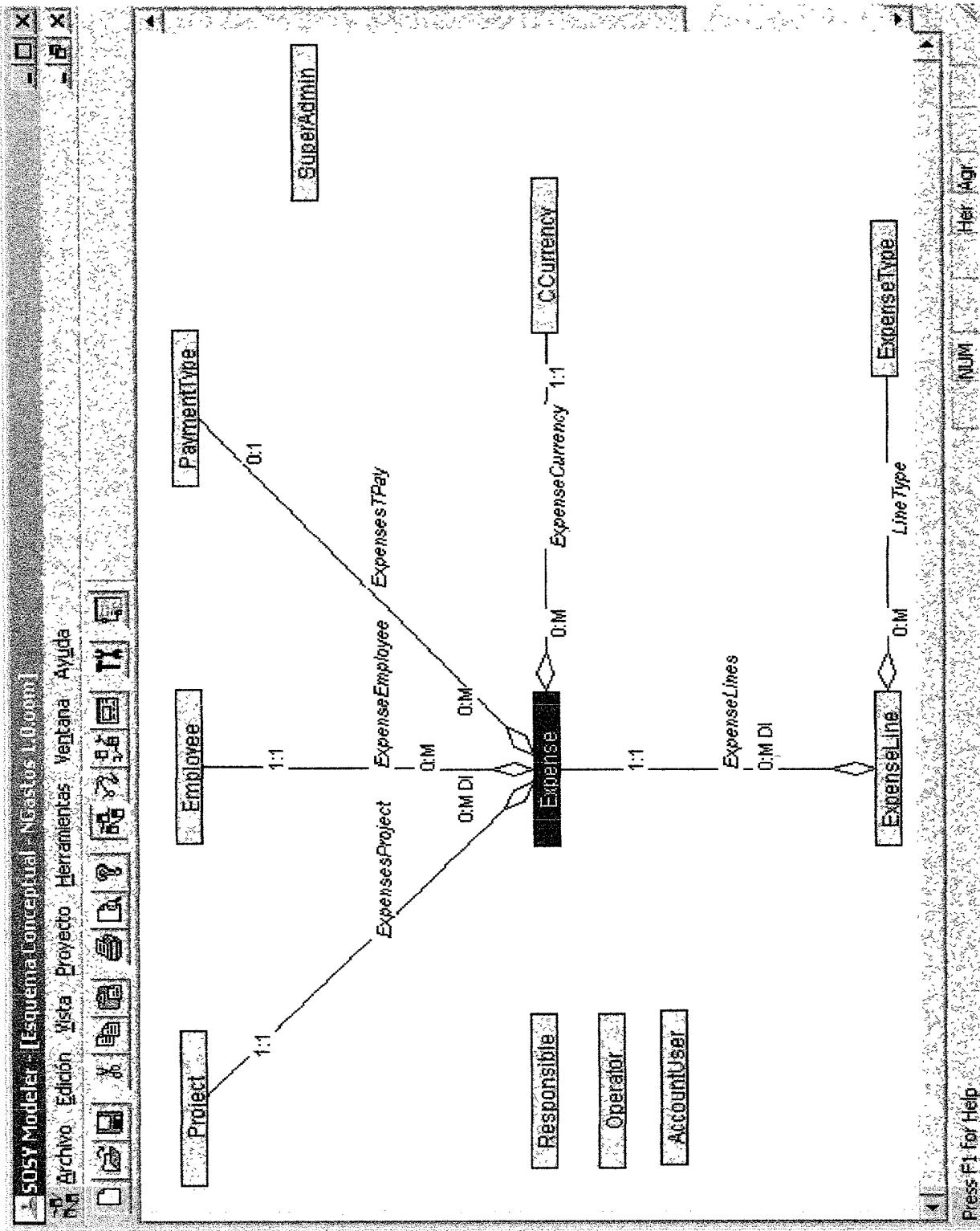


FIG. 10

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FIG. 11A

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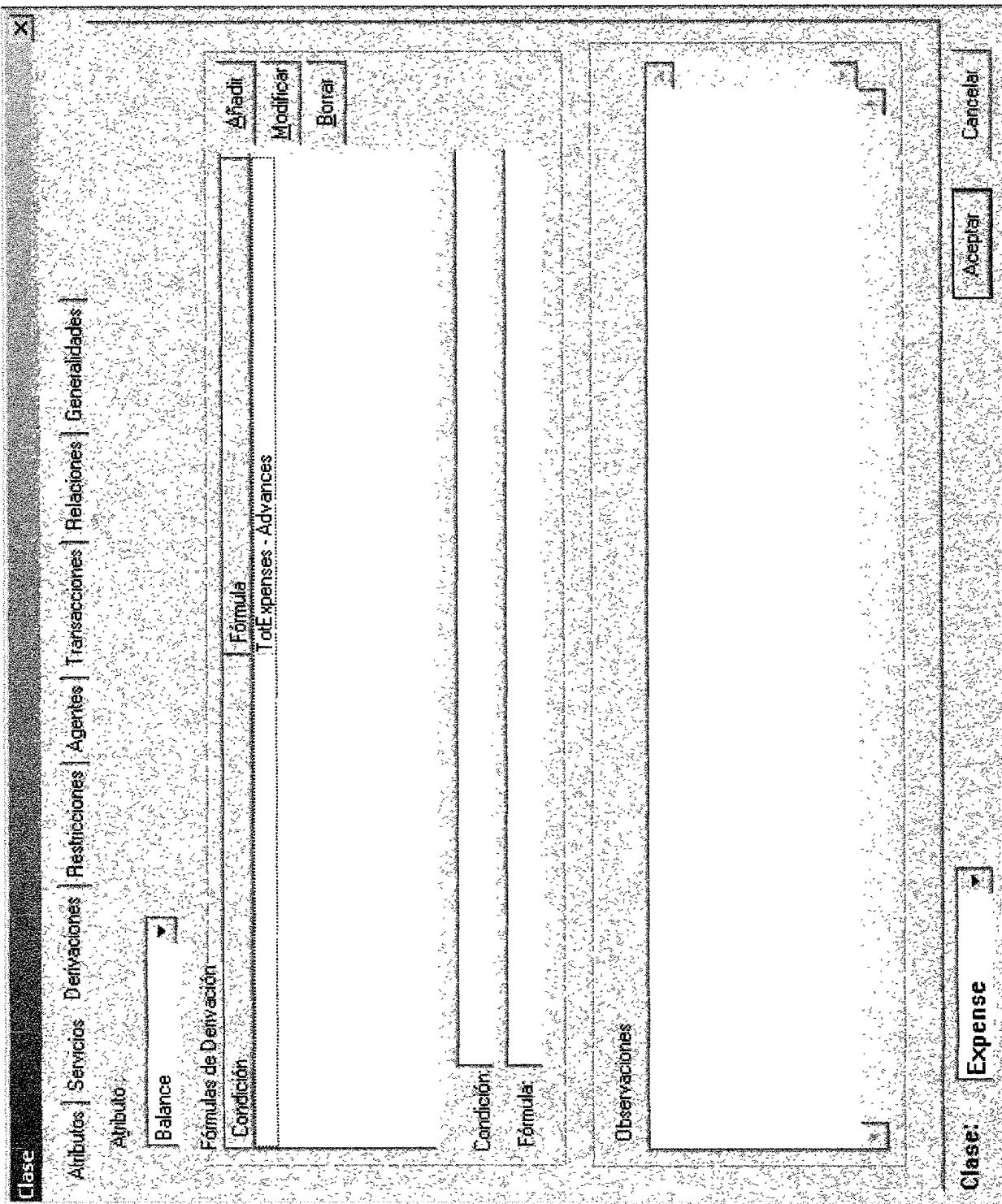


FIG. 11B

AUTOMATIC SOFTWARE PRODUCTION SYSTEM
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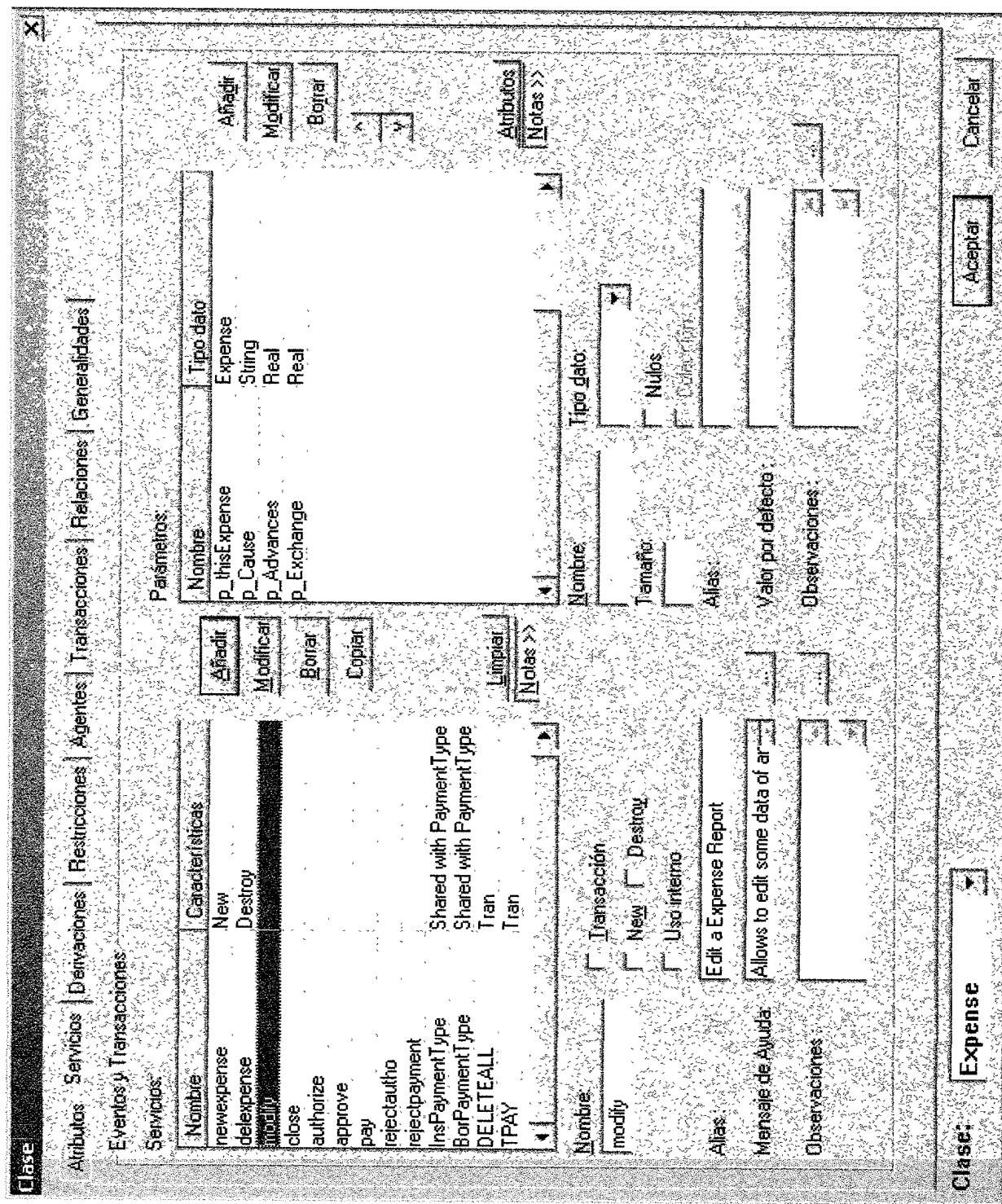


FIG. 12

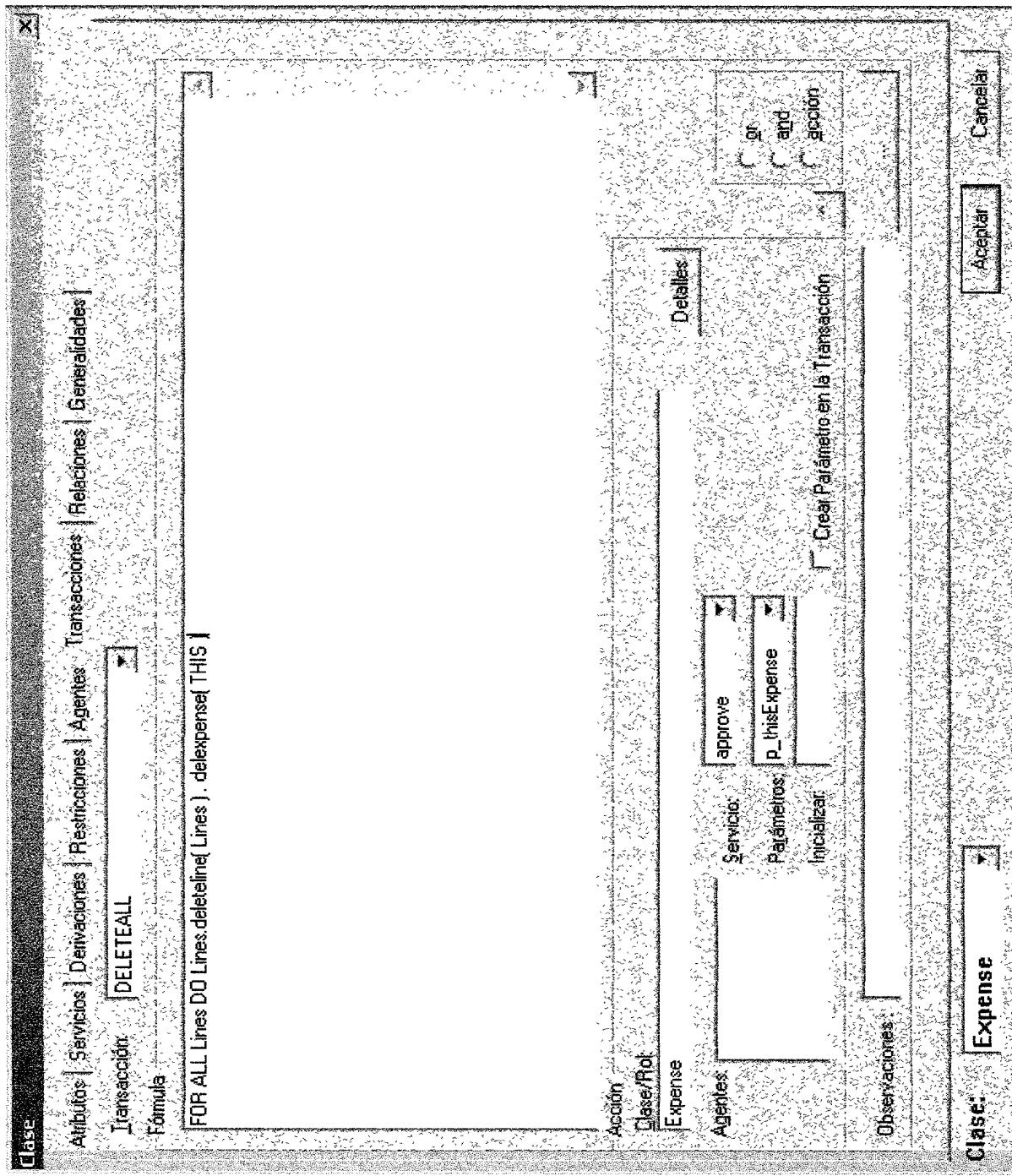


FIG. 13

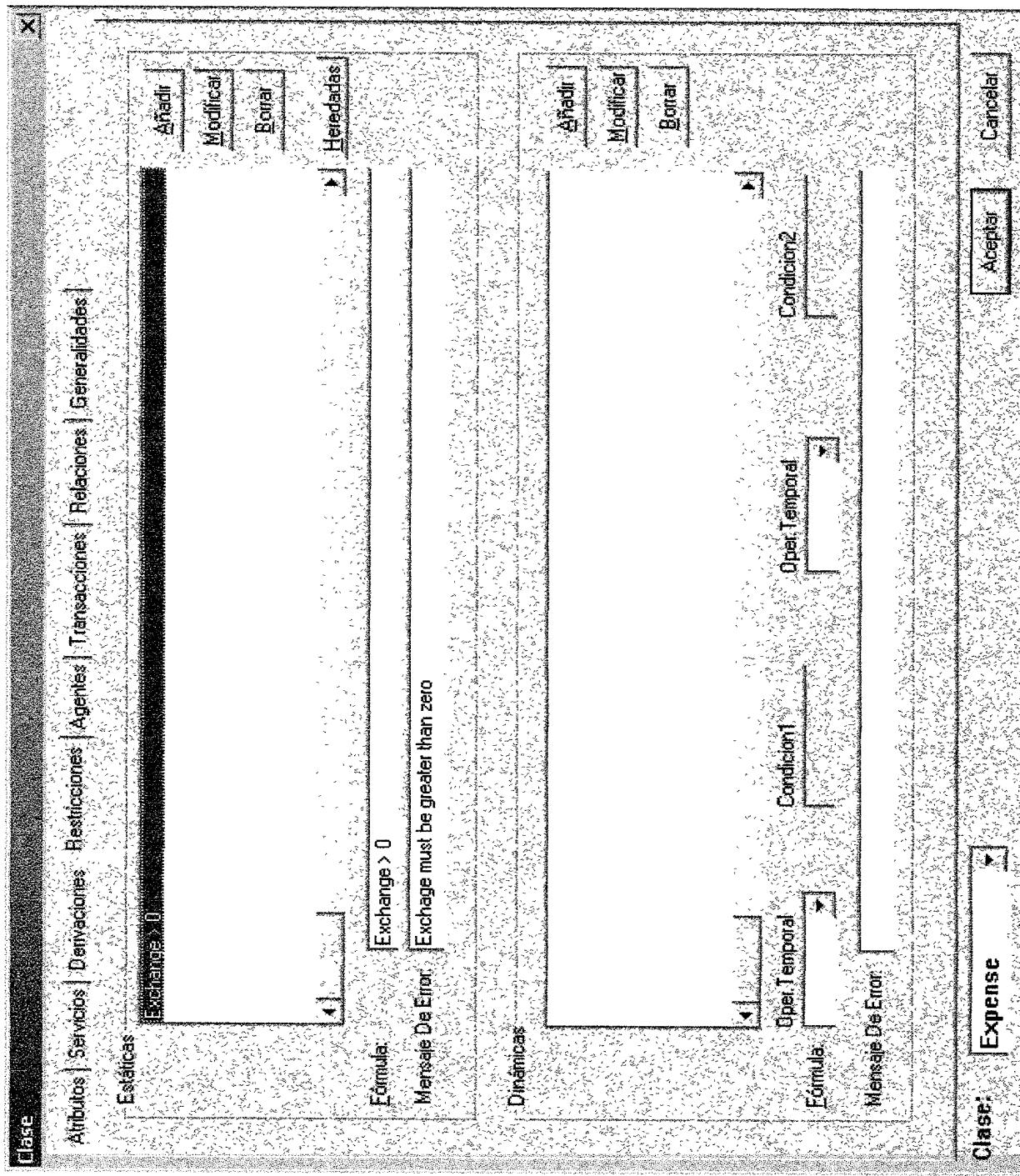


FIG. 14

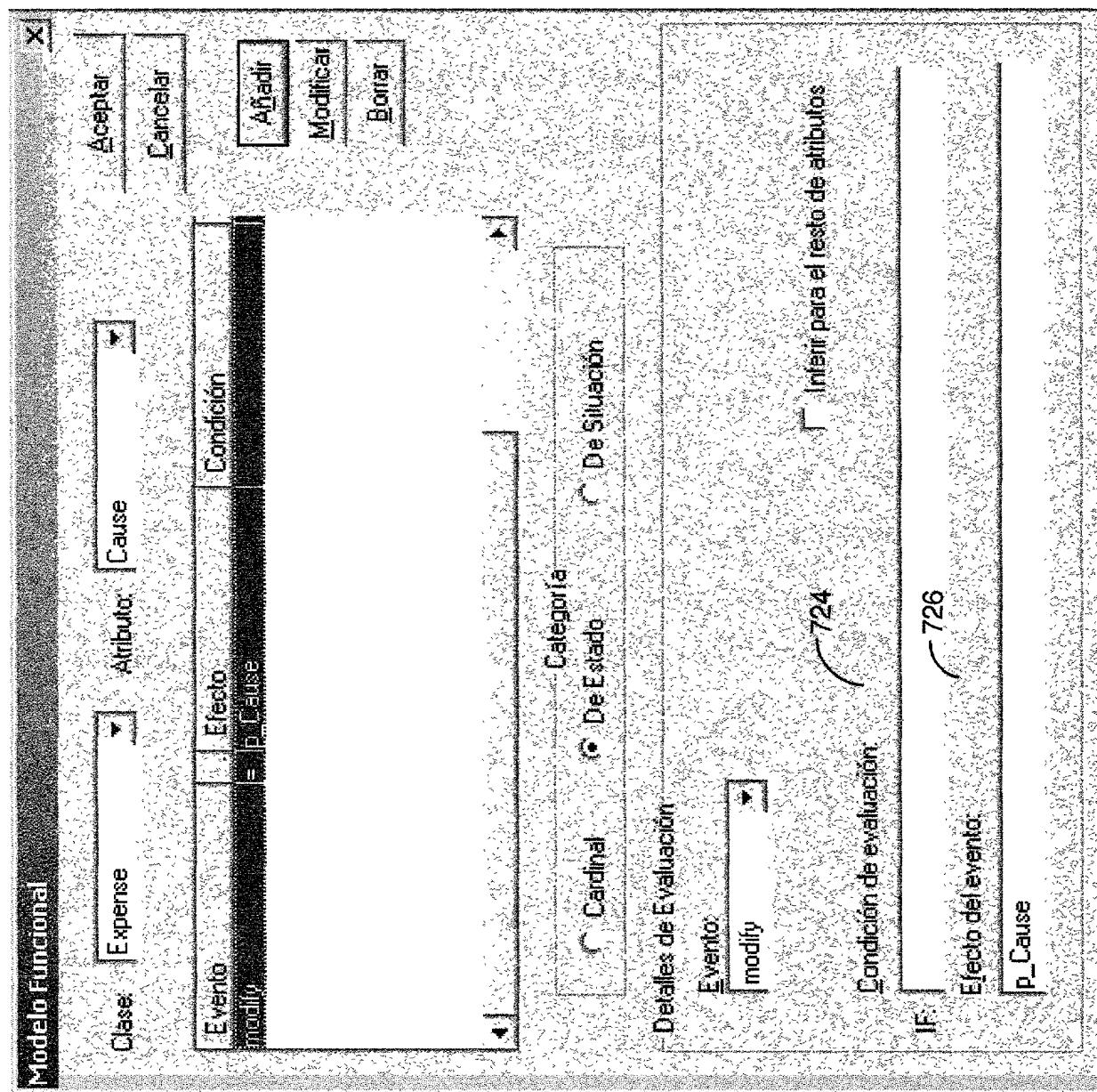


FIG. 15

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AGENT RELATIONSHIP
DIALOG THAT CAN BE
USED TO SET WHICH
SERVICES "ACCOUNT
USE" CAN ACCESS
AND VISIBILITY OF
CLASS ATTRIBUTES
FOR THIS USER

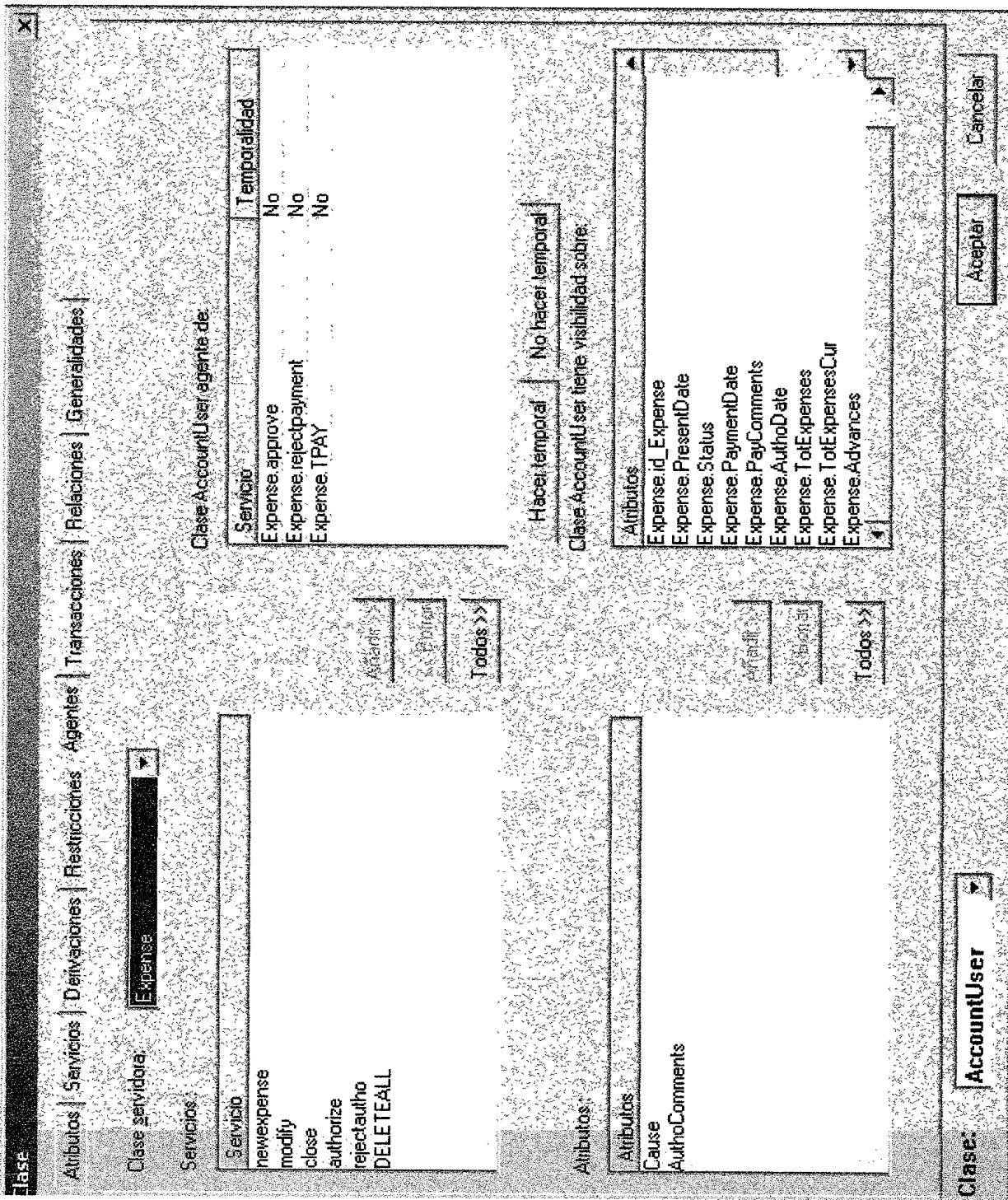
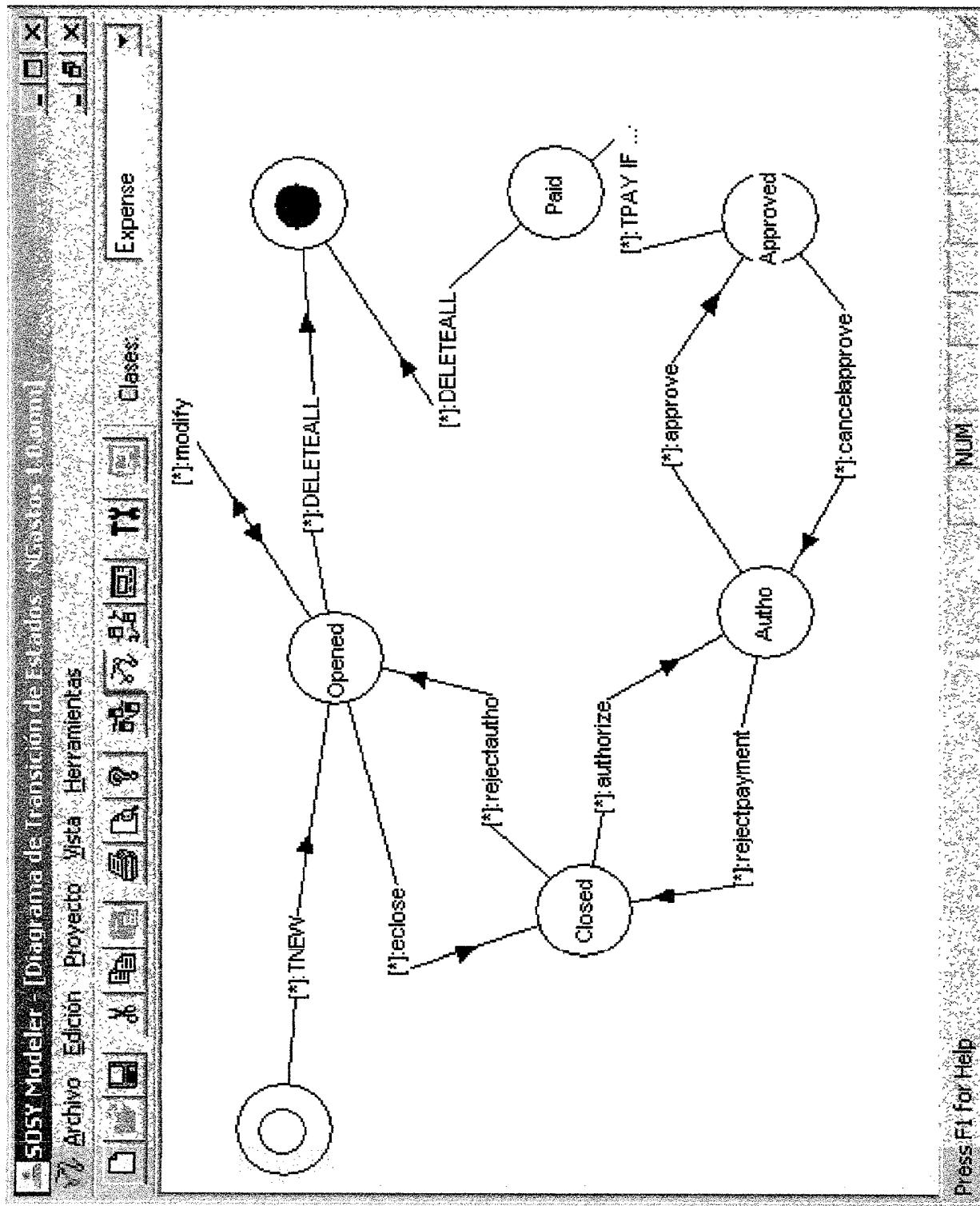


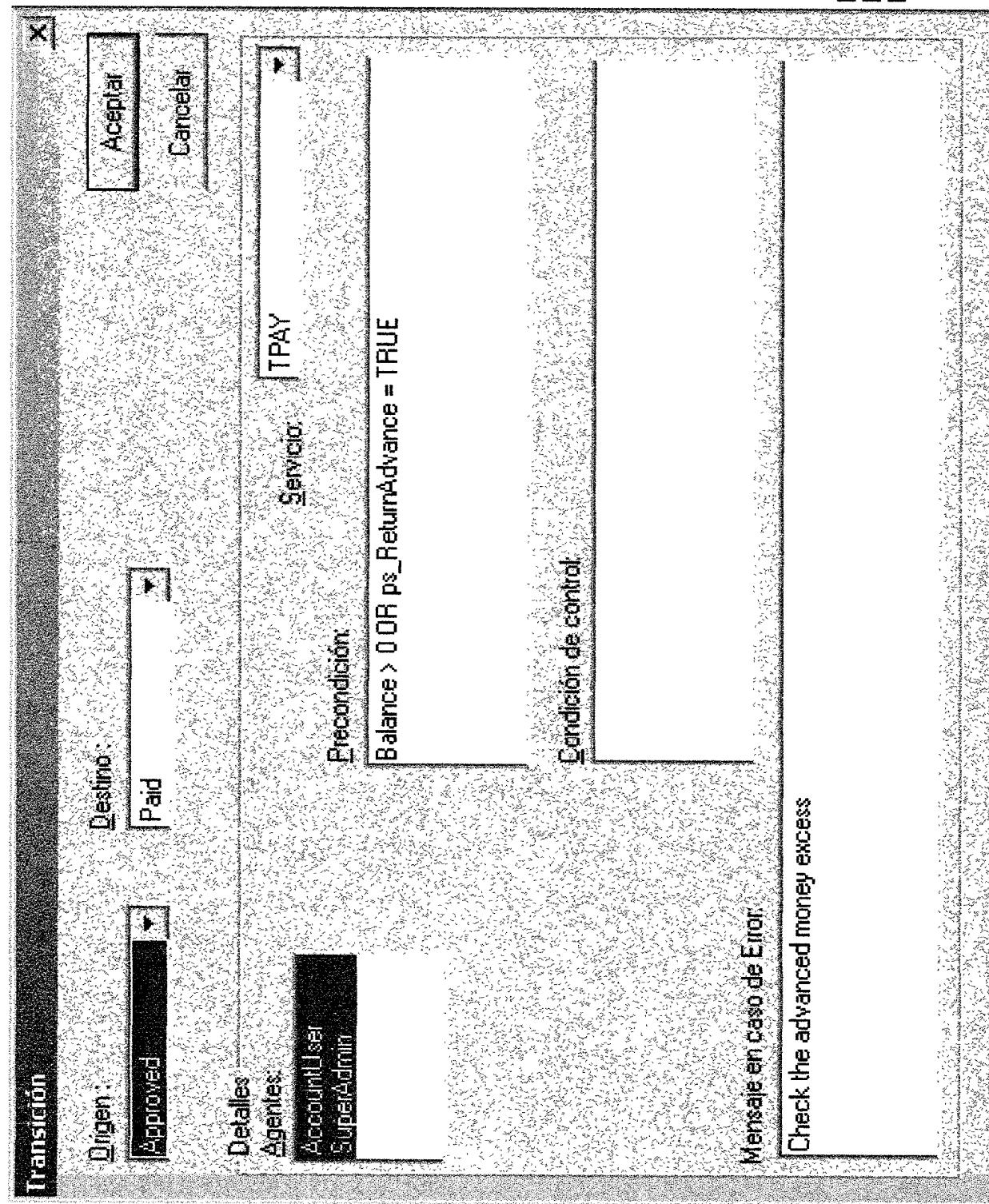
FIG. 16

STATE TRANSITION
DIAGRAM FOR
CLASS "EXPENSE"

FIG. 17

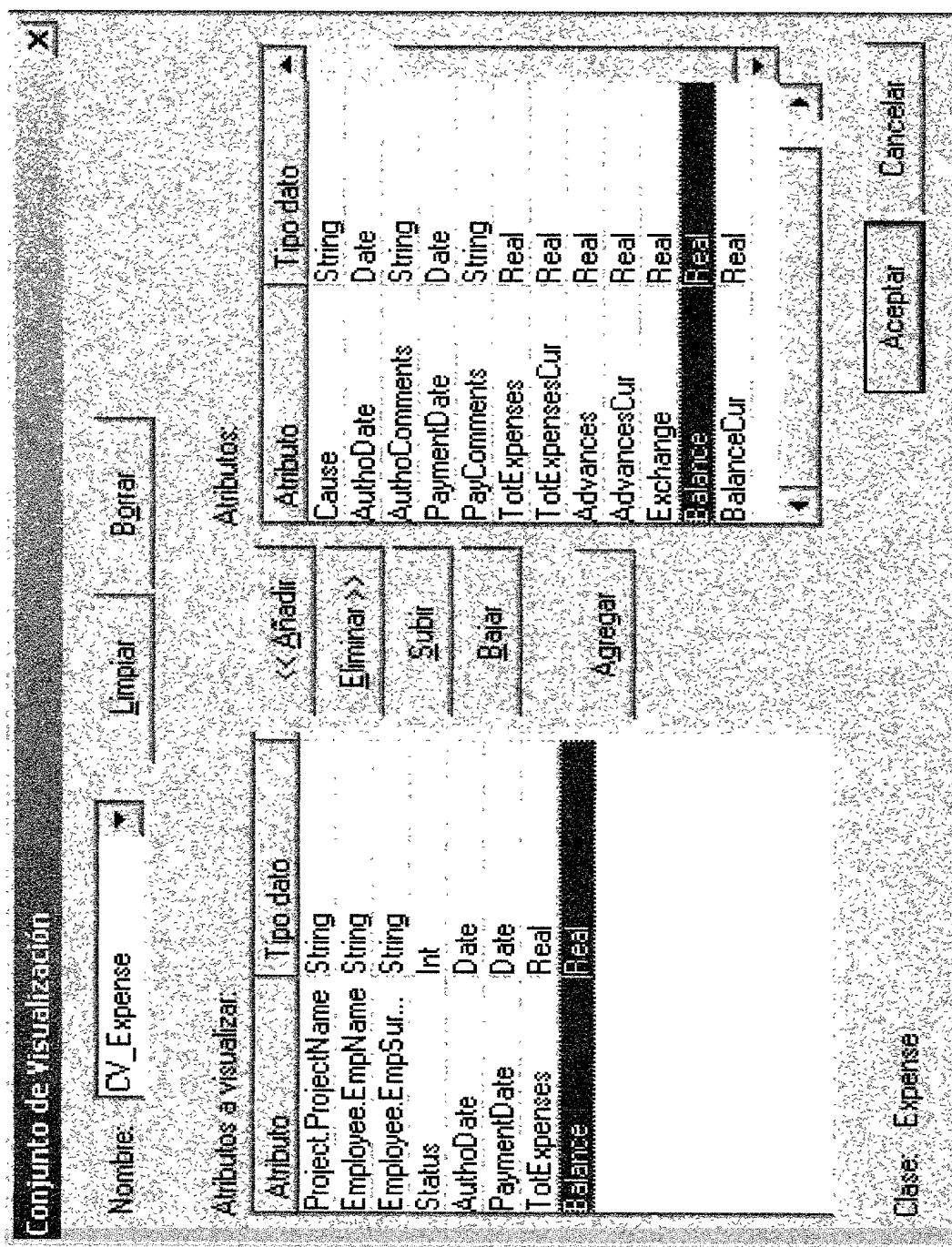


Press F1 for Help



DIALOG BOX TO
MODEL
PRECONDITION

FIG. 18



DIALOG BOX USED BY
 SOSY MODELER
 TO ESTABLISH A SET OF
 ATTRIBUTES
 TO BE DISPLAYED FOR
 THE "EXPENSE" CLASS

FIG. 19

Filtro

Expense **Alias** **Expense Reports** **Limpiar** **Borrar**

Variables

Nombre	Alias	Tipo dato	Project	Tipo estilo	Estilo	Nueva
vf_Project	Project	Employee	Employee	Sel. Población	Modificar	<input type="checkbox"/>
vf_Employee			Date			<input type="checkbox"/>
vf_DateIssue			Initial issuing Date			<input type="checkbox"/>
vf_DateEndIssue			Final issuing Date			<input type="checkbox"/>
vf_DateInApp			Initial Approving D...			<input type="checkbox"/>

Observe:

Expense **Cancelar**

TIPO

<input checked="" type="radio"/> Simple	Nombre: <input type="text"/>	Estilo de introduc...
<input type="radio"/> Objeto-valuado	Alias: <input type="text"/>	Estilo de selección: <input type="text"/>
		Tipo de dato: <input type="text"/>

DIALOG BOX USED BY
 SOSY MODELER
 TO ESTABLISH THE
 SEARCHING CRITERIA
 FOR THE EXPENSE
 CLASS AND TO ESTABLISH
 THE FILTER FORMULA
 TO USE AND THE
 VARIABLES TO REQUEST
 THE USER TO ENTER

FIG. 20

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE
DOCUMENTATION GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

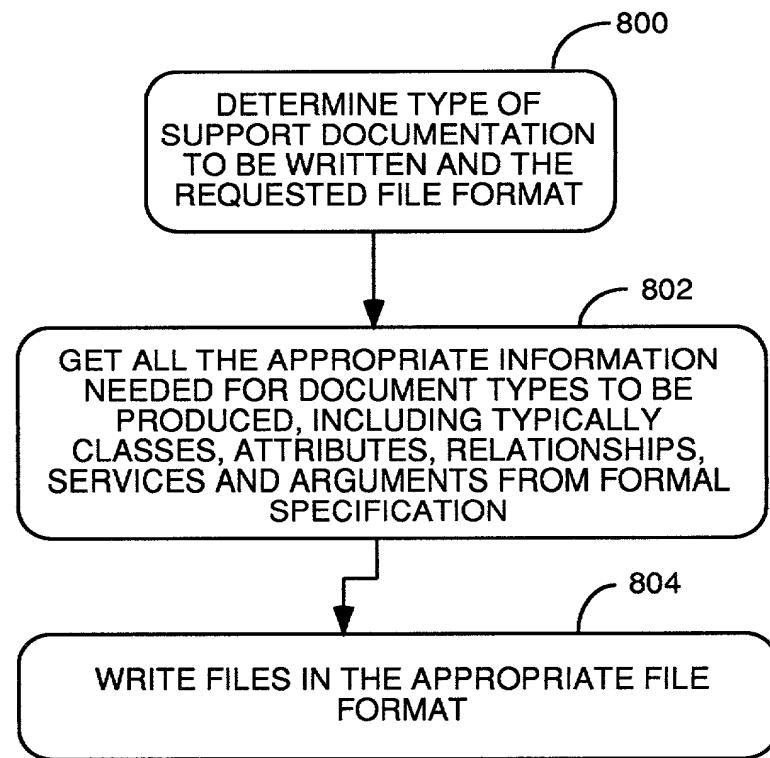


FIG. 21